

FIG. 1A
PRIOR ART

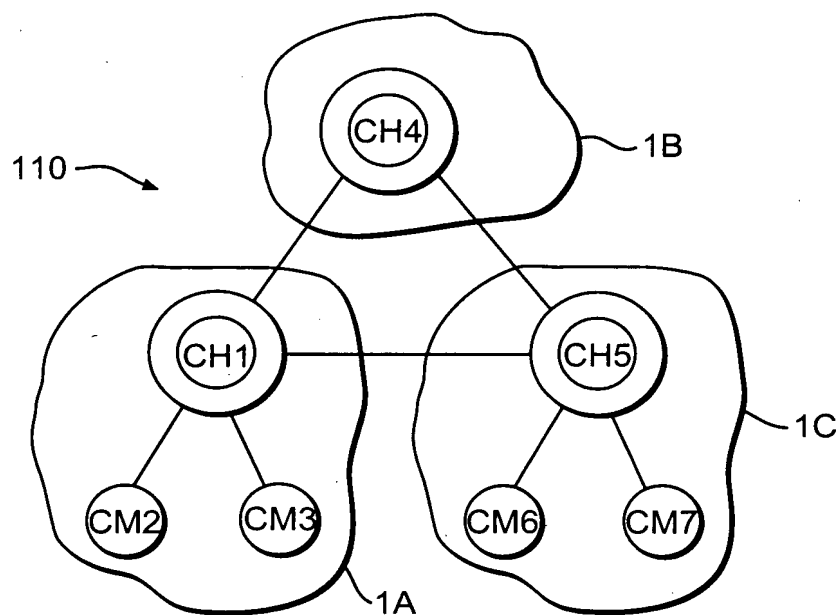


FIG. 1B
PRIOR ART

09733364, 120800

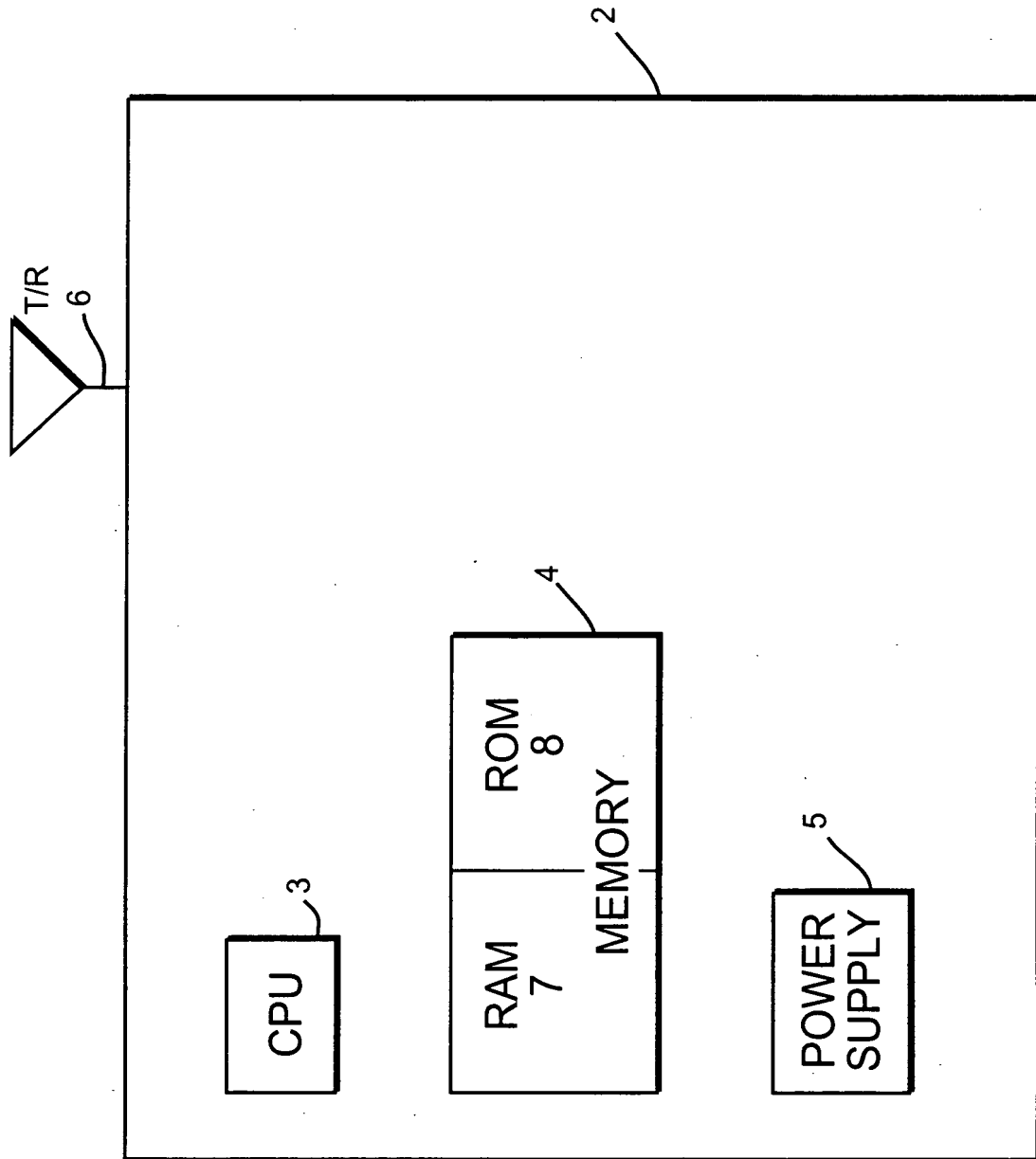


FIG. 2

FORMAT OF A BEACON MESSAGE

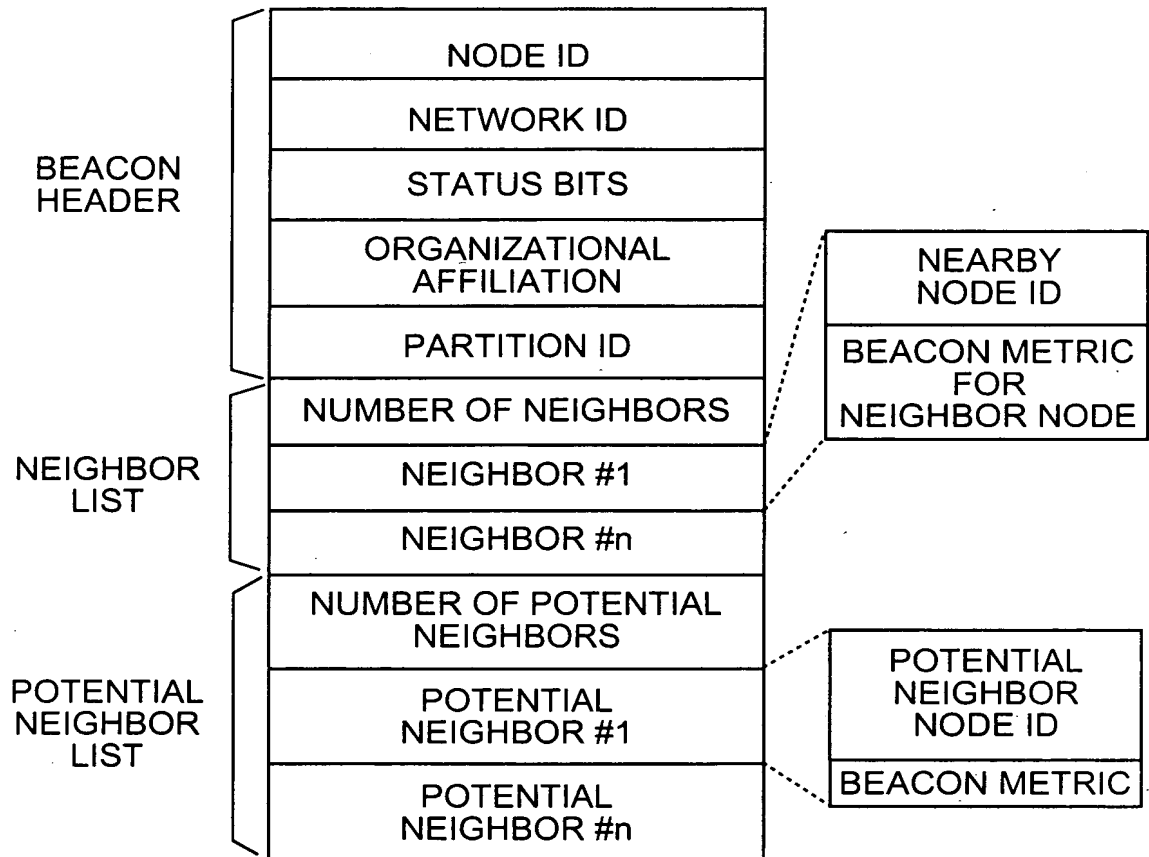


FIG. 3

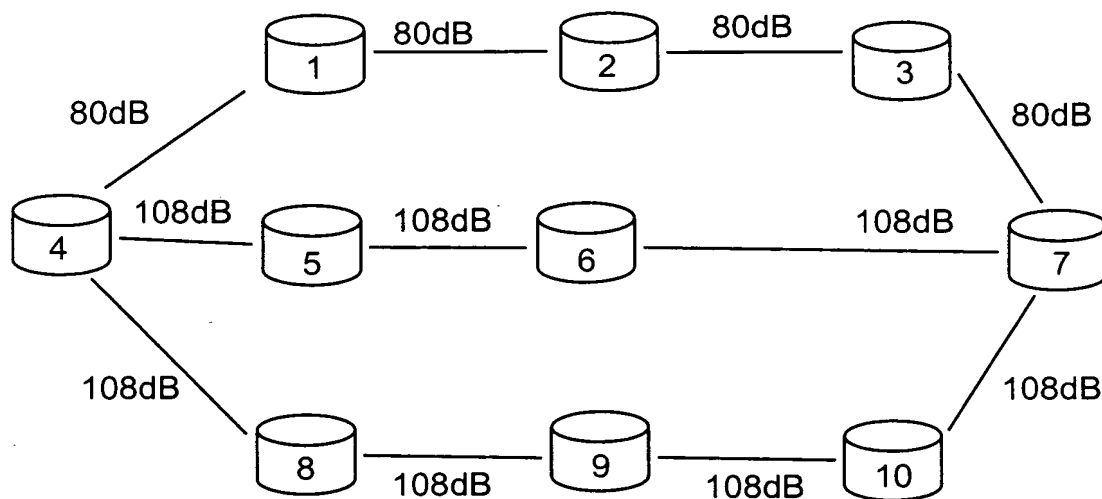


FIG. 4

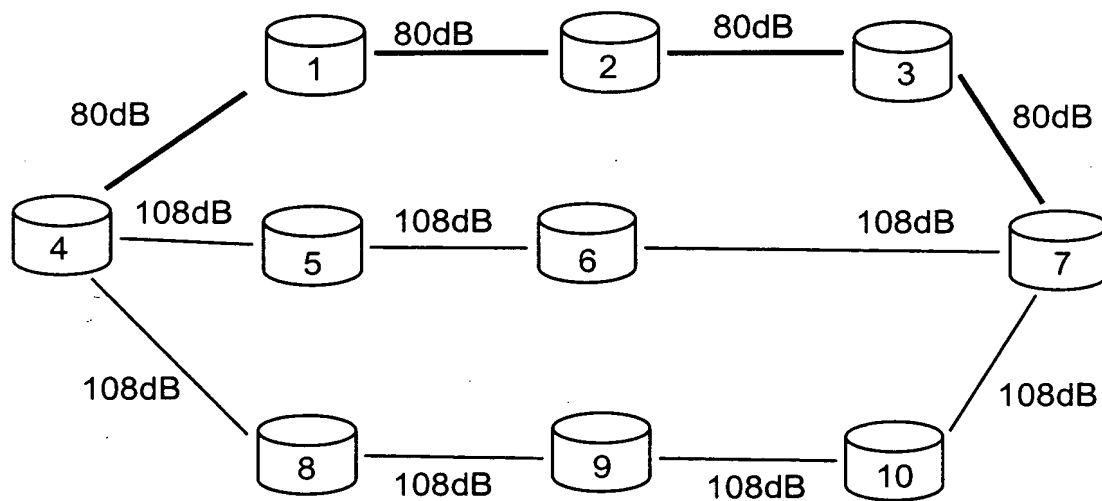


FIG. 5

NODE B RECEIVES A PACKET
 FROM NODE A. NODE B DETERMINES
 INFORMATION REGARDING THE ACTUAL
 POWER OF THE RECEIVED PACKET

S1



NODE B CALCULATES AN OPTIMAL TRANSMISSION POWER LEVEL TO SEND A PACKET TO NODE A

S2



**NODE B DISTRIBUTES
ENERGY INFORMATION
TO THE NETWORK**

- S3



NETWORK NODES USE THE ENERGY INFORMATION TO DETERMINE MINIMUM PATH ROUTES

S4

FIG. 6

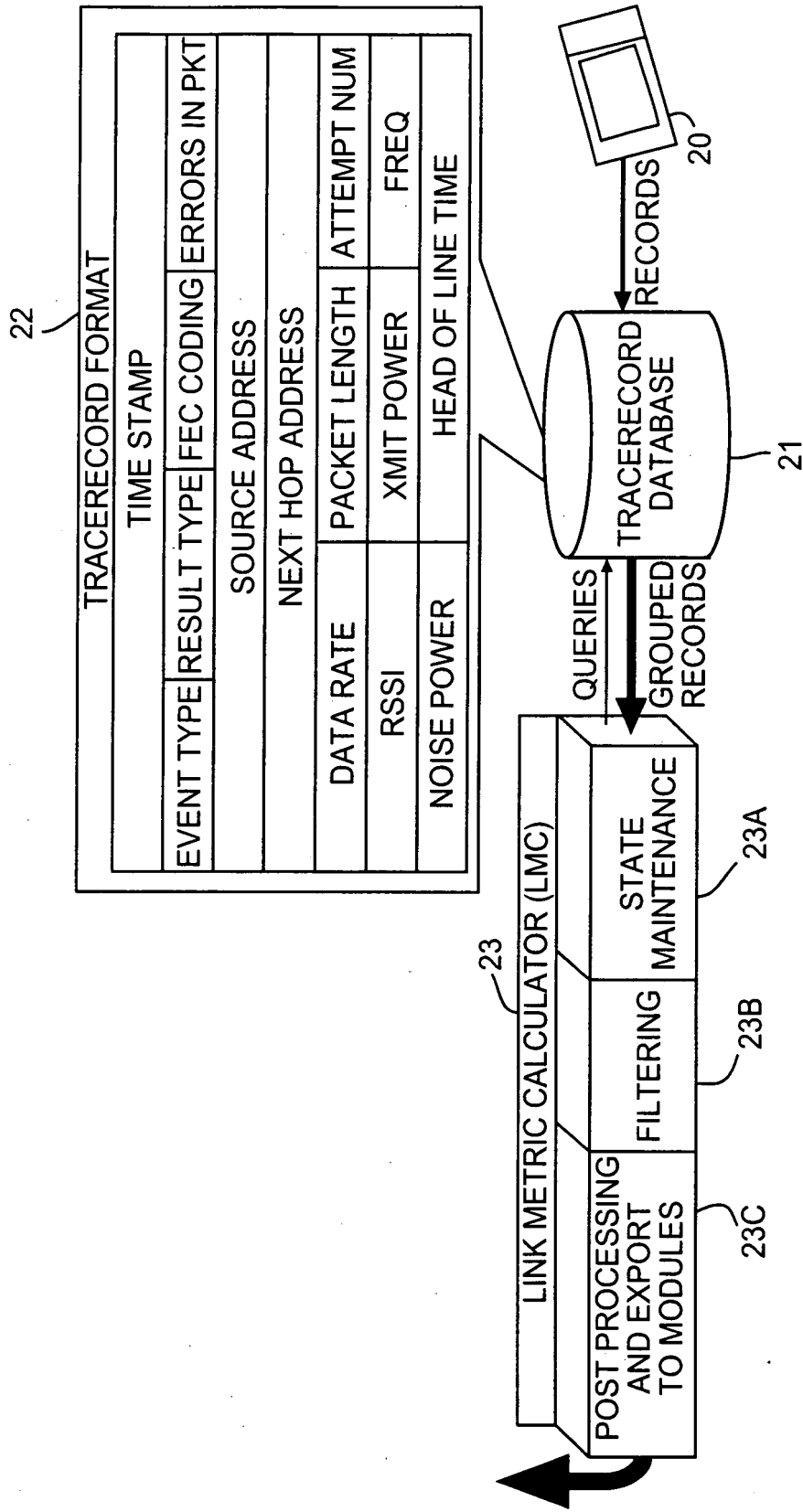


FIG. 7

008027-49222650

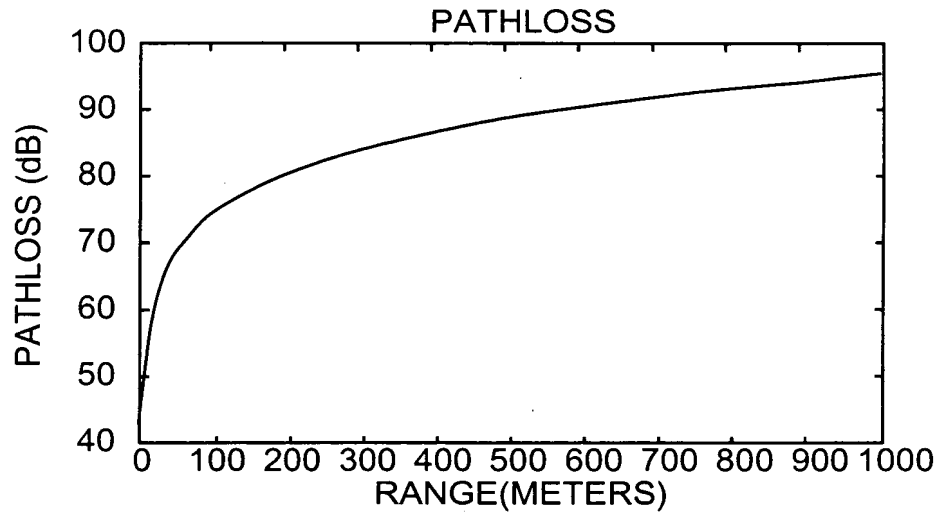


FIG. 8

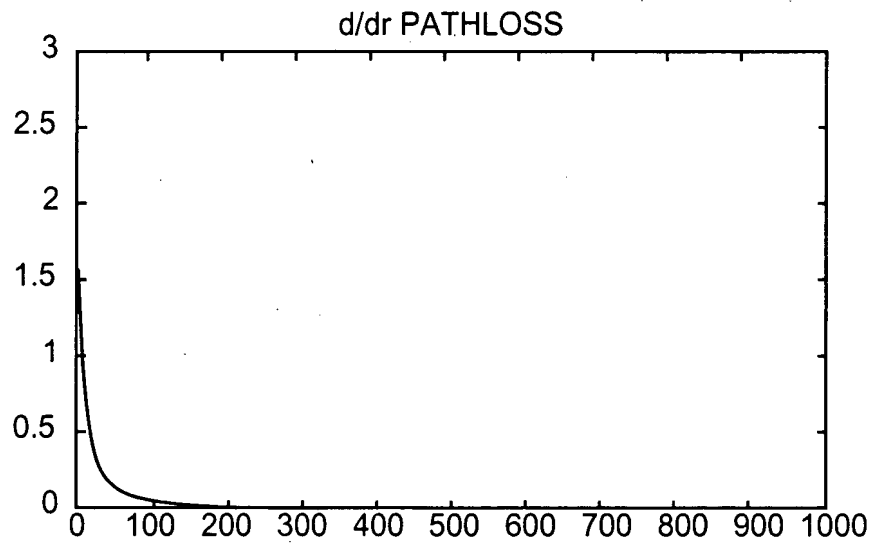


FIG. 9

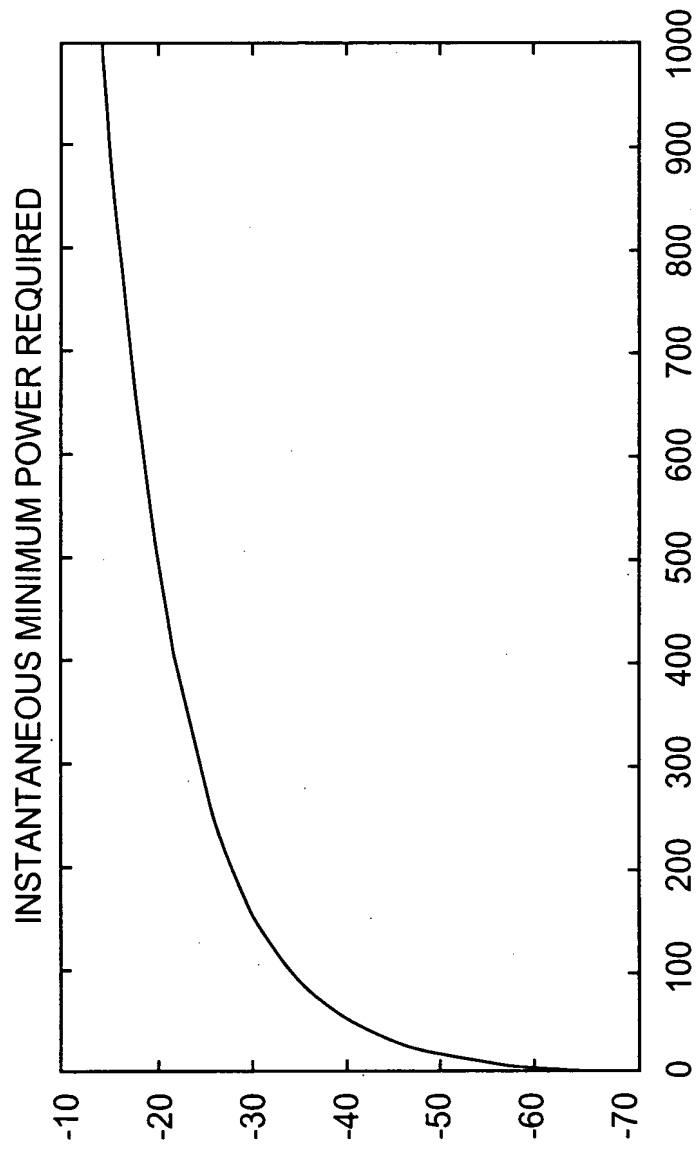


FIG. 10

09733364 120800
008027 19555450

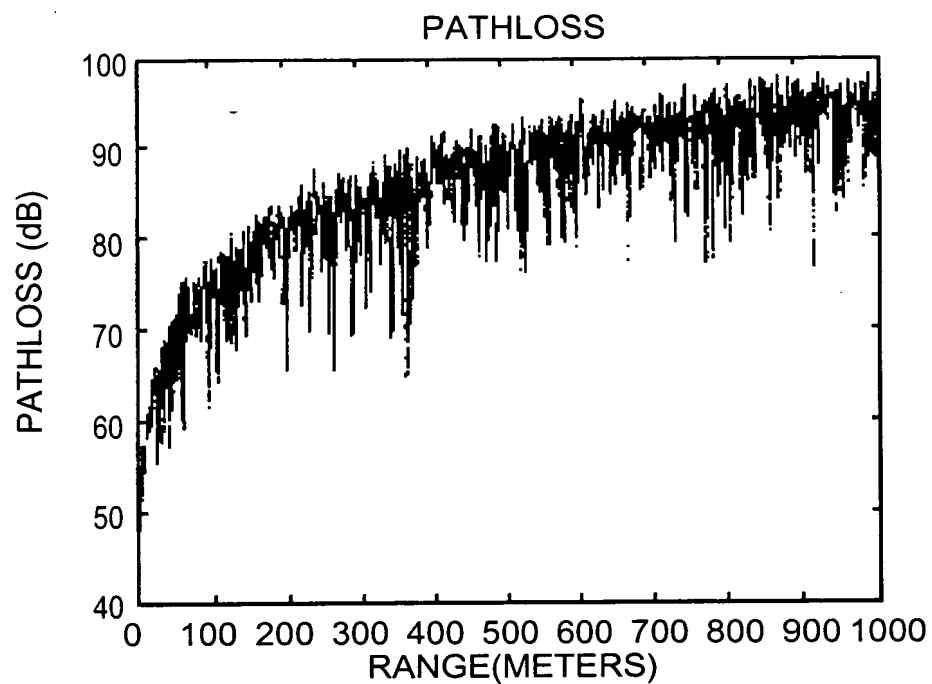


FIG. 11

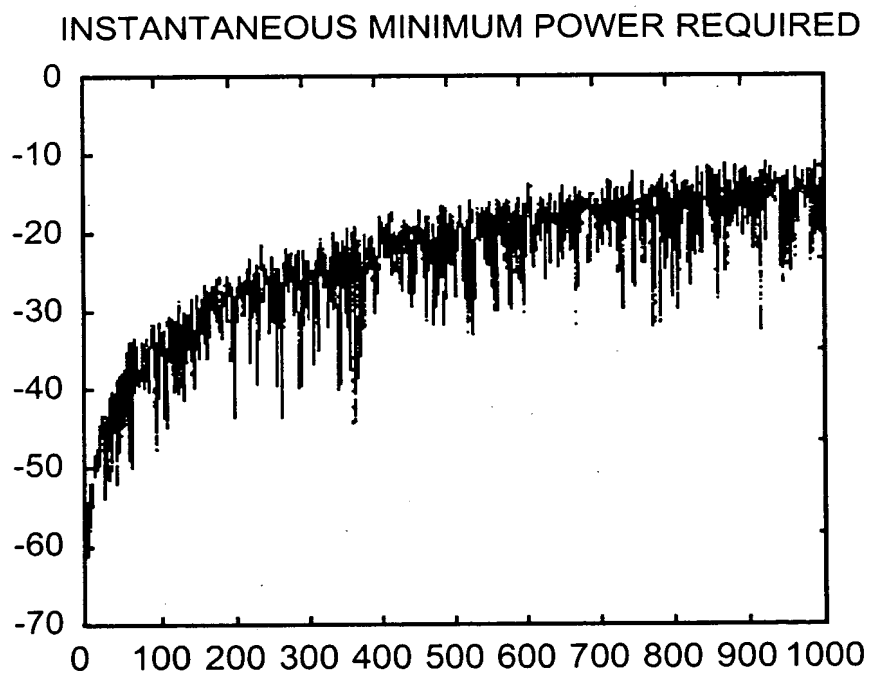


FIG. 12

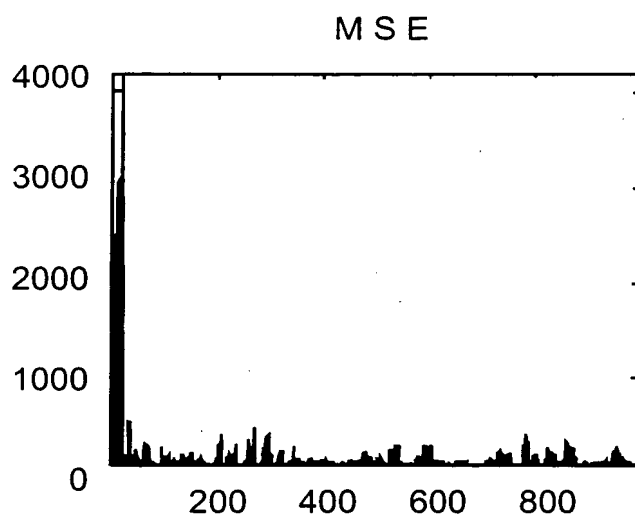


FIG. 13A

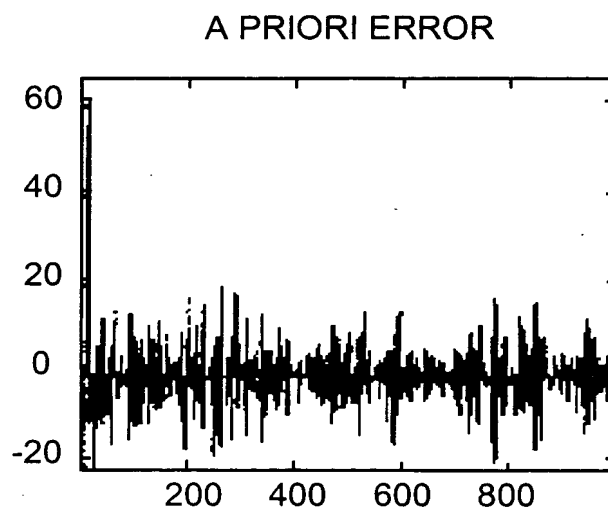


FIG. 13B

FILTER INPUT AND FILTER OUTPUT

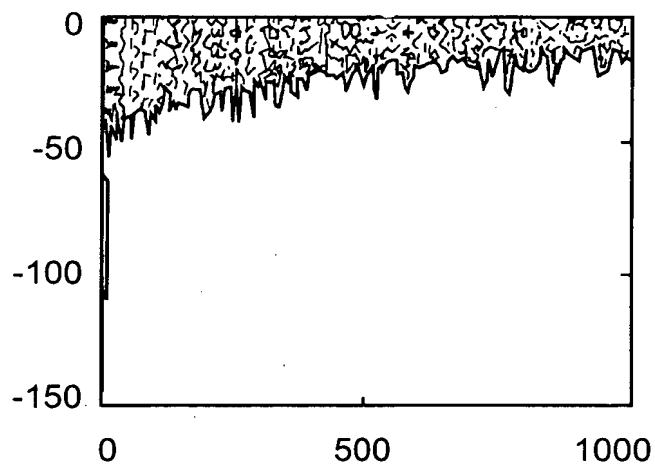


FIG. 13C

FILTER INPUT AND FILTER OUTPUT TIMESLICES

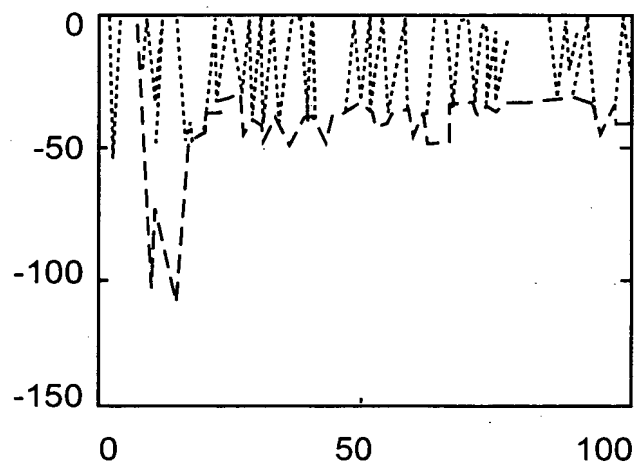


FIG. 13D

008027"49EEEL60

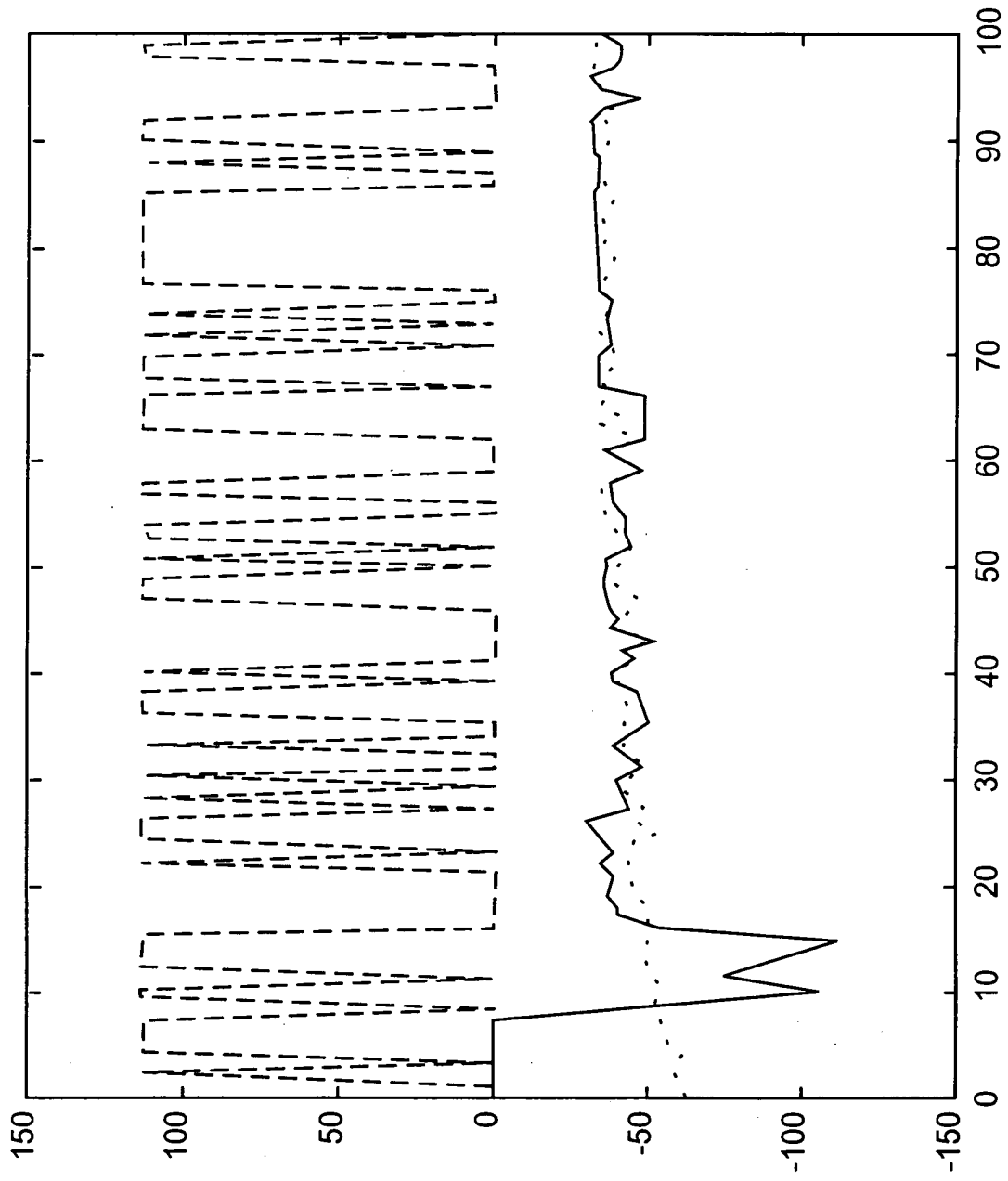


FIG. 14